

Title (en)
ELECTROLYTIC CAPACITOR AND MULTI-ANODIC ATTACHMENT

Title (de)
ELEKTROLYTKONDENSATOR UND VIELFACH-ANODEN-BEFESTIGUNG

Title (fr)
CONDENSATEUR ELECTROLYTIQUE ET FIXATION POLYANODIQUE

Publication
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Application
EP 99919926 A 19990421

Priority

- US 9908686 W 19990421
- US 6369298 A 19980421

Abstract (en)
[origin: WO9954896A1] A multi-anodic aluminum electrolytic capacitor includes and electrical connection to the multiple porous (e.g., tunnel-etched) anodes (215A-C) in an anode stack using a single anode tab (205) that is attached only to a first anode. Other anodes are electrically coupled to the anode tab through the first anode. Anodes in the anode stack are in intimate physical and electrical contact with other such anodes as a result of layering effected by planar stacking or cylindrical winding. The need for separate tabs to different anode layers is eliminated or at least minimized, thereby reducing capacitor volume, increasing capacitor reliability, and reducing the cost and complexity of the capacitor manufacturing process for multi-anodic capacitors. The capacitor is capable of use in implantable defibrillators, camera photoflashes, and other electric circuit applications.

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H01G 9/04; H01G 9/008

IPC 8 full level
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CPC (source: EP US)
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Citation (search report)
See references of WO 9954896A1

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WO 9954896 A1 19991028; CA 2329184 A1 19991028; EP 1074029 A1 20010207; JP 2002512444 A 20020423; US 2002034062 A1 20020321; US 2004105212 A1 20040603; US 6249423 B1 20010619; US 6597564 B2 20030722; US 6881232 B2 20050419

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